



Designing and manufacturing of Francis turbines

Suitable for a very large range of heads and flows; able to meet different power requirements. With achievable turbine efficiencies of the turbine of over 93%, Francis turbines are the most widely used turbines. Siapro designs and manufactures **vertical- and horizontal-axis Francis turbines with rated power of up to 10 MW**. We offer proven technology for the best energy yield results.

Your **main benefits** when choosing a Siapro turbine:

- **Our own design and production**, wide choice of configurations
- **3D modelling** for perfect design
- **3D, 5-axis CNC machining** for perfect manufacturing
- Different **runner material** choices for the best cost-benefit result
- Special **heat treatment of runners** for very high heads
- Reliable, **standard industrial components** for a high **lifetime expectancy**.

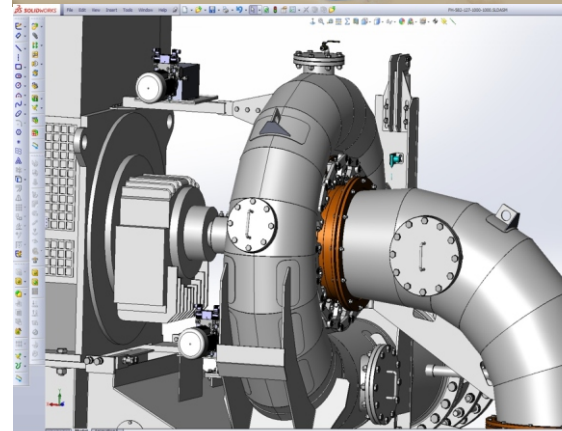
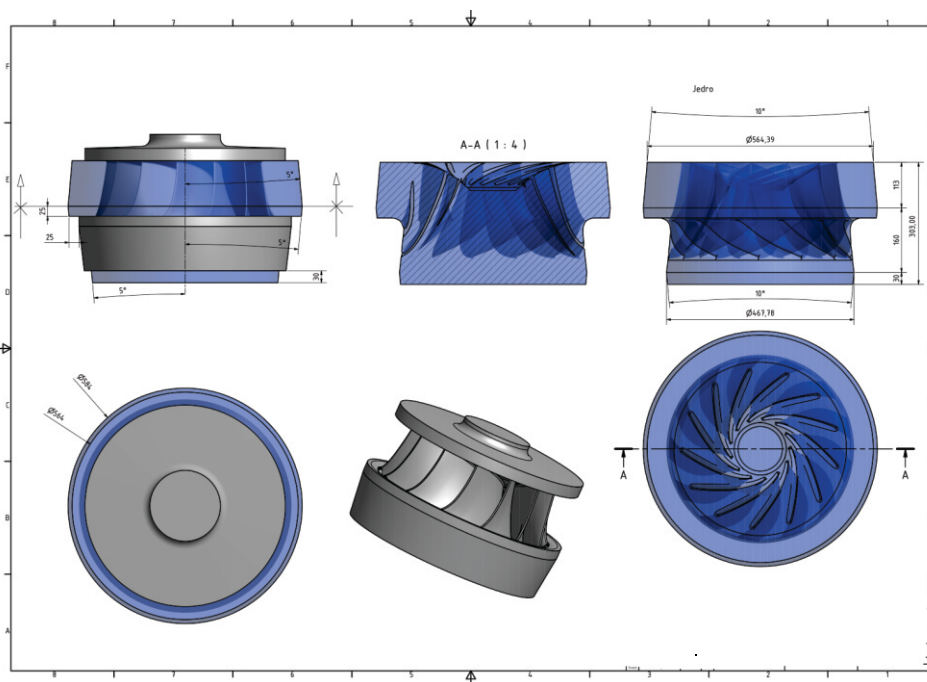


The Francis turbine made by Siapro is designed for the following conditions:

Flow:	from 20 l/s
Net head:	from 5 m
Rated power:	up to 10 MW

3D modelling

- Quality starts already with the design.



Main characteristics, production and commissioning:

- A wide range of configurations
- CNC machined or welded runners to meet all budgets
- Turnkey project supply, including the control system and grid access solutions
- A standardised manufacturing process to secure high quality of the end product
- Turbine efficiencies from 85 to 93%.

Siapro has more than **25 years of experience**. We offer consulting, engineering services, production and implementation. Numerous **reference projects** are a reflection of trust in our services and products. We also provide Pelton, Kaplan, and Crossflow water turbines.

For more information please contact our offices in Slovenia or Austria:

■ Siapro d.o.o.
Postaja 9
5216 Most na Soči, SI-Slovenia, EU
T: +386 5 384 16 32 / hydro@siapro.si

■ Siapro Hydro Power GesmbH
Gastgebgsasse 27
1230 Vienna, A-Austria, EU
T: +43 664 43 60 422 / hydro@siapro.si



www.hydro-electricity.eu
www.siapro-hydro-power.com